Qty:

Each

: BEARING ASSEMBLY

: D3183045

: 7/14/2008

: N/A

: C1

: D3183 REV C1

Date:

Tuesday; 7/1/2008 10:47:06 AM

Hser.

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

Customer

: CU-DAR001 Dart Helicopters Services

S.O. No. :

Job Number

: 40159

Estimate Number

: 11136

P O Number

This Issue

: 7/1/2008

Prsht Rev. First Issue : NC

: //

Previous Run

: 39637

Written By Checked & Approved By

Comment

: Est 04.02.18

Type

New issue KJ/DS

: MACHINED PARTS

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description: Delrin Round Bar 1"

1.0

MDELRINR1000

Total:

Comment: Qtv.: 0.0350 f(s)/Unit

> Delrin Round Bar 1" Material: Ø1.00 Delrin Rod (M-DELRIN-R1.000)

Identify as D3183-9

Batch: M 10875

1.3986 f(s)

HARDINGE

Comment: HARDINGE CNC LATHE SMALL Turn D3183-9 Cap as per Folio FA388

Deburr

QC2

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

3.0

QC8

SECOND CHECK

Comment: SECOND CHECK

5.0 D31835 Bearing

Comment: Qty.

Pick:

Qty Part Number

Description



1.0000 Each(s)/Unit Total: 40.0000 Each(s)

D3183-5

Bearing

Dart Aerospace Ltd

W/O:			WORK ORDER	CHANGES				1
DATE	STEP	PRO	OCEDURE CHANGE	By	Date	e Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								-
					·			
Part No		PAR #:	Fault Category:	NCR: Y	es No	DQA:	Date: _	
				Q	A: N/C CI	osed:	Date: _	
			WORK ORDER NON-COM	JEORMANCE (N	CRI			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Corrective Action Section B		Description of NC	Verification	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto			
		*			130						

NOTE: Date & initial all entries

Tuesday, 7/1/2008 10:47:06 AM Date: User Kim Johnston **Process Sheet** Drawing Name: BEARING ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Job Number: 40159 Part Number: D3183045 Job Number: Description: Seq. #: Machine Or Operation: SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 6.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Press D3183-5 Bearing into D3183-9 Cap as per Dwg D3183 QC5 7.0 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 8.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 9.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
XXV	6	5/R belonce 8/12/5 D3183-9 B40159 Qty 102	B	08/07	102	0808.07	Sebs 67	
		(
Part No.	•	DAP #: Fault Category: A	ICP: Voc	No DO	١.	Date		

QA: N/C Closed: _____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section E	}	Verification	Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto		
						,				
				·						

NOTE: Date & initial all entries

		11 1 - 73
DART AEROSPACE LTD	Work Order:	40159
		,
Description: Cap	Part Number:	D3183-9
Inspection Dwg: D3183 Rev: C1		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

		Prot	totype		
Drawing	Tolerance	Actual	Accept	Reject	Method
Dimension	Tolerance	Dimension	Accept	110,000	Inspection

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.830	+/-0.005	ø.830	J			
Ø0.720	+/-0.002	Ø 720	J			
Ø0.747	+/-0.001	Ø.747	J_{\perp}			
R0.010	+/-0.010	R.010	J			
R0.031	+/-0.010	R.031				
0.199	+/-0.001	199	V			981. to H7 600
0.276	+/-0.010	.275	/			
0.039	+/-0.010	.036	✓			
	4,					
		-				

Measured by:	Audited by:	In	Prototype Approval:	N/A
Date: 02/07/30	Date:	08/08/07	Date:	N/A

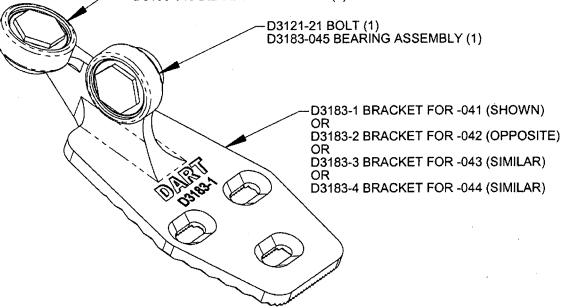
Rev	Date	Change		Revised by	Approved
Α	04.04.20	New Issue	(P/O D3183-045)	KJ/RF	1
В	06.03.09	Dimension Ø0.	830 was Ø0.850	KJ/JLM 🔏	GH



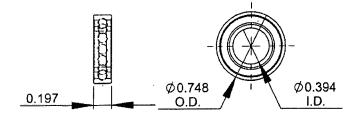


	DESIGN DRAWN BY		DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CA	
CHECK		ED.	APPROVED	D3183	REV. C
	DATE	<u>"1</u>	1	TITLE	SCALE
		04.0)2.17	BRACKET ASSEMBLY	1:1
	Α.	0	3.01.24	NEW ISSUE	
	В	0	3.06.17	REMOVE BEARING; 1.012 WS 0.8	82
	С	,0	4.02.17	ADD -045/-9; 0.182 WAS 0.431	
	CI	-11-30	= 04.11.09	0.830 WAS 0.850	

D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



D3183-041 BRACKET ASSEMBLY (SHOWN) D3183-042 BRACKET ASSEMBLY (OPPOSITE) D3183-043 BRACKET ASSEMBLY (SIMILAR D3183-044 BRACKET ASSEMBLY (SIMILAR)



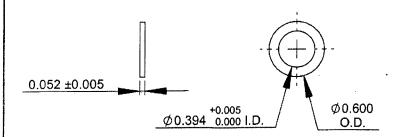
D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, RETURN TO CONRAD TYPE, SHIELDED ENGINEERING
 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZED COPY
 3) ALL DIMENSIONS ARE INTIMOHES
- - SUBJECT TO AMENDMENT

WITHOUT NOTICE WORK ORDER

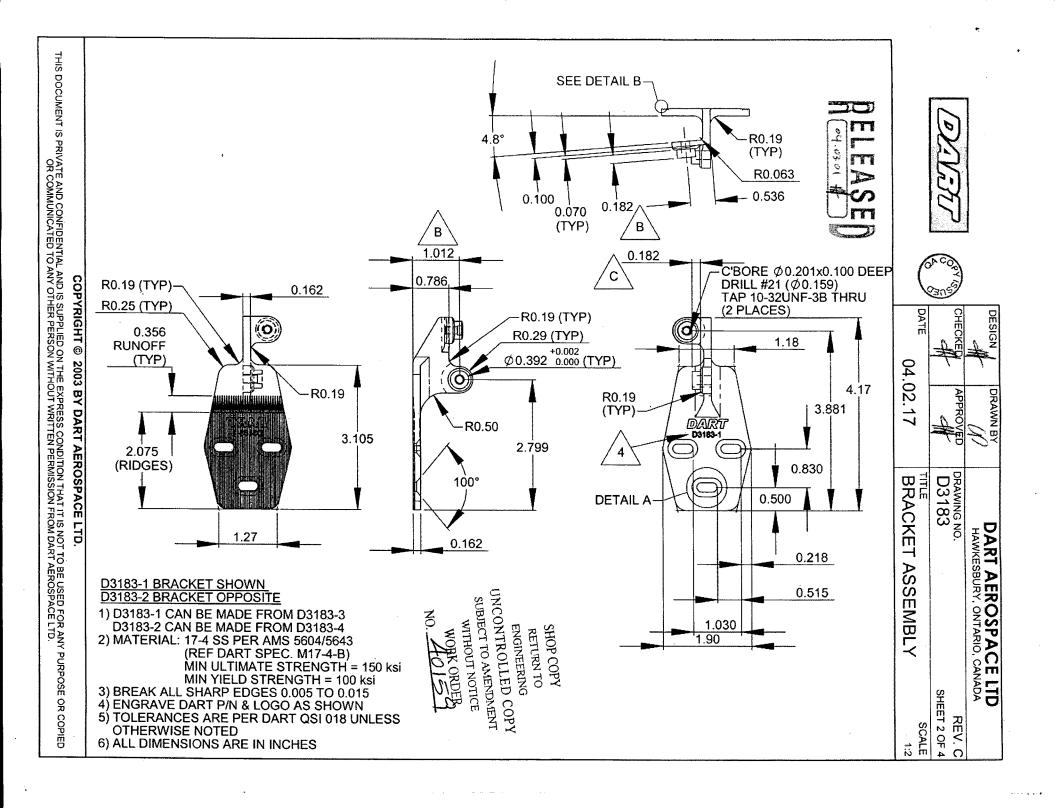


- 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES



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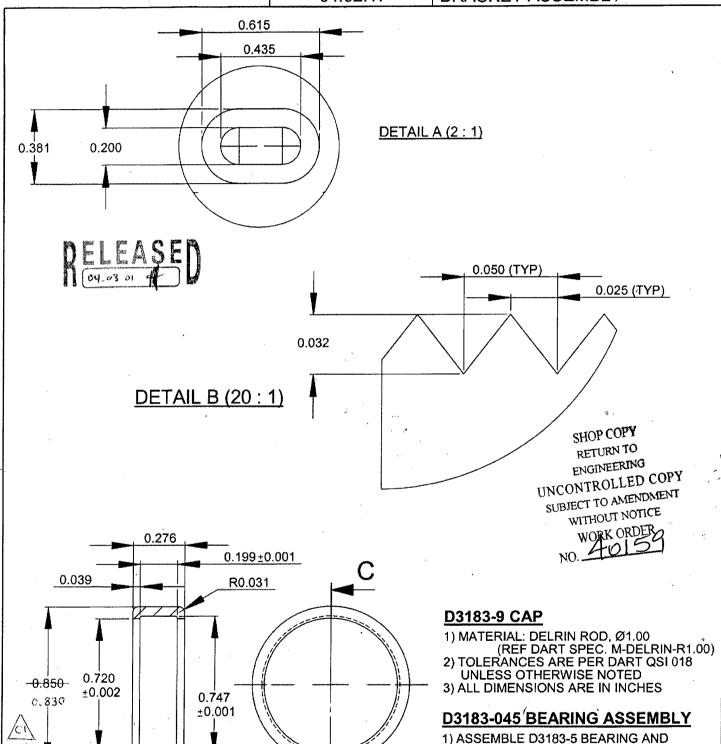
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DESIGN	DRAWN,BY	DART AEROSPACI HAWKESBURY, ONTARIO, C	
CHECKED	APPROVED	DRAWING NO.	REV. C
9		D3183	SHEET 4 OF 4
DATE		TITLE	SCALE
04.0	02.17	BRACKET ASSEMBLY	1:1



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R0.010

SECTION C-C SCALE 2:1 D3183-9 CAP

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